

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	(plural\$4 multiple) adj2 beam with (combin\$3 together) adj4 spot	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 11:25
L2	15	(plural\$4 multiple) adj2 beam with (combin\$3 together) adj4 spot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 11:26
L3	18	("20030031214"   "20040136416"   "3476463"   "3793595"   "4025875"   "4707584"   "4832446"   "5454808"   "5670069"   "5674414"   "6548781"   "6717105"   "6750423"   "6784399"   "6838638"   "6852947"   "6898221").PN. OR ("7199330").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 11:29
L4	6	3 and synthesiz\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 11:34
L5	4	3 and beam adj synthesiz\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 11:57
L6	2	"20070042575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:01

L7	2	6 and duration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:01
L8	3	synthesiz\$4 near2 pulse with duration near3 (longer greater)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:02
L9	892	(plural\$4 multiple (first with second)) adj3 generator with (laser beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:04
L10	1	L9 and synthesiz\$4 with duration with (longer greater)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:04
L11	3	L9 and synthesiz\$4 with duration not 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:05
L12	1	"2001346454"	JPO	OR	ON	2008/06/12 12:09
L13	1	"2001352162"	JPO	OR	ON	2008/06/12 12:09
L14	3	laser with anneal\$4 and pulse and timing	JPO	OR	ON	2008/06/12 12:10
L15	19	chamber with optic\$2 with stage same laser	JPO	OR	ON	2008/06/12 12:21
L16	114	chamber with optic\$2 with stage	JPO	OR	ON	2008/06/12 12:22
L17	11335	(silicon wafer semiconductor) with (recrystal\$9 re?crystal \$9 crystalliz\$6 remelt \$4 re?melt\$4 melt\$4) same laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 12:22
L18	0	L17	JPO	OR	ON	2008/06/12 12:22

L19	11335	(silicon wafer semiconductor) with (recrystal\$9 re?crystal\$9 crystalliz\$6 remelt\$4 re?melt\$4 melt\$4) same laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 12:23
L20	0	16 and 19	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 12:23
L21	50991	(silicon wafer semiconductor) with (recrystal\$9 re?crystal\$9 crystalliz\$6 remelt\$4 re?melt\$4 melt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 12:24
L22	0	16 and 21	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 12:24
L23	40	chamber with optic\$2 with stage and (silicon wafer)	JPO	OR	ON	2008/06/12 12:24
L24	306	chamber with optic\$2 with stage same laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:26
L25	15087	(silicon wafer semiconductor) with (recrystal\$9 re?crystal\$9 crystalliz\$6 remelt\$4 re?melt\$4 melt\$4) same laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:26
L26	48	24 and 25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:27
L27	4	24 same 25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:27
L28	41	(plural\$4 multiple) adj2 stage same laser and (\$3crystalliz\$9 \$3melt\$3) with (silicon wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:36

L29	40	(plural\$4 multiple) adj2 chamber same laser and (\$3crystalliz\$9 \$3melt\$3) with (silicon wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:48
L30	37	(plural\$4 multiple) adj chamber same laser and (\$3crystalliz\$9 \$3melt\$3) with (silicon wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:49
L31	29	(plural\$4 multiple) adj chamber same laser and (\$3crystalliz\$9 \$3melt\$3) near3 (silicon wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:49
L32	1	(plural\$4 multiple) adj chamber with optic\$2 same laser and (\$3crystalliz\$9 \$3melt\$3) near3 (silicon wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:53
L33	7	(plural\$4 multiple) adj chamber with optic\$2 same laser not 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:54
L34	151	(plural\$4 multiple) adj chamber and optic\$2 near3 chamber and laser not 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:56
L35	36	(plural\$4 multiple) adj chamber and optic\$2 near3 chamber with (inside within) and laser not 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 12:56
L36	3	((("6750423") or ("6717105") or ("6977775")).PN.	USPAT; USOCR	OR	OFF	2008/06/12 13:25
L37	0	(silicon wafer) and \$3crystal\$8 and split\$4 and plural\$4 with spot	JPO	OR	ON	2008/06/12 13:30

L38	3	(silicon wafer) and \$3crystal\$8 and split\$4 and plural\$4 with beam	JPO	OR	ON	2008/06/12 13:30
L39	33	(silicon wafer) and split \$4 and plural\$4 with beam not 38	JPO	OR	ON	2008/06/12 13:31
L40	5	(silicon wafer) and split \$4 and lens with plural \$4 with beam not 38	JPO	OR	ON	2008/06/12 13:31
L41	2	(silicon wafer) and split \$4 and focus\$4 with plural\$4 with beam not 38	JPO	OR	ON	2008/06/12 13:32
L42	36	laser and split\$4 and focus\$4 with plural\$4 with beam not 38	JPO	OR	ON	2008/06/12 13:33
L43	35	laser and (laser beam) with split\$4 and focus \$4 with plural\$4 with beam not 38	JPO	OR	ON	2008/06/12 13:33
L44	3	36 and stage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 13:37
L45	2	36 and optic\$4 with synthesiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 13:38
L46	0	36 and generat\$4 with synthesiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 13:41
L47	254	laser with beam with generat\$4 with synthesiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 13:41
L48	1	laser with beam with generat\$4 with synthesiz\$4 same combin\$5 near5 output with beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 13:43

L49	2	laser same plural\$4 adj beam same plural\$4 adj stage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:03
L50	7	laser same plural\$4 adj2 beam same plural \$4 adj stage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:04
L51	13	laser same (multiple plural\$4) adj2 beam same (plural\$4 multiple) adj stage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:06
L52	6	51 not 50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:06
L53	18	laser and (multiple plural\$4) adj2 beam same (plural\$4 multiple) adj stage not 52 not 50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:07
L54	12	laser and (multiple plural\$4) adj2 beam same (plural\$4 multiple) adj3 stage with mov\$4 not 52 not 50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:08
L55	17	laser same (laser beam) with (multiple plural\$4) adj stage with mov\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:12
L56	17	laser same (laser beam) with (multiple plural\$4) adj wafer with mov\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:14
L57	0	laser same (multiple plural\$4) adj (laser beam) with (multiple plural\$4) adj wafer with mov\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:14
L58	2	laser same (multiple plural\$4) adj (laser beam) with (multiple plural\$4) adj wafer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:15

L59	13	laser same (multiple plural\$4) adj2 (laser beam) with (multiple plural\$4) adj2 wafer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:16
L60	49	laser same (multiple plural\$4) adj2 (laser beam) with (multiple plural\$4) adj2 substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:18
L61	49	60 not 59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:18
L62	25	laser same (multiple plural\$4) adj2 (laser beam) with (multiple plural\$4) adj substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:19
L63	869	laser same (multiple plural\$4) adj2 (laser beam) with simultaneous\$4 adj2 (multiple plural\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:22
L64	140	laser same (multiple plural\$4) adj2 (laser beam) adj3 simultaneous\$4 adj2 (multiple plural\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:22
L65	66	laser same (multiple plural\$4) adj2 (laser beam) adj simultaneous \$4 adj2 (multiple plural \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:22
L66	0	laser same (multiple plural\$4) adj2 (laser beam) adj simultaneous \$4 adj2 (multiple plural \$4) adj2 (substrate work workpiece wafer article)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:23
L67	0	laser same (multiple plural\$4) adj2 (laser beam) adj simultaneous \$4 adj2 (multiple plural \$4) adj3 (substrate work workpiece wafer article)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:24

L68	0	laser same (multiple plural\$4) adj2 (laser beam) adj simultaneous \$4 adj2 (multiple plural \$4) adj4 (substrate work workpiece wafer article)	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:24
L69	2	laser same (multiple plural\$4) adj2 (laser beam) adj simultaneous \$4 adj2 (multiple plural \$4) with (substrate work workpiece wafer article)	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:24
L70	13	(laser beam) same simultaneous\$4 near (irradiat\$4 process\$4) adj2 (multiple plural \$4) adj3 (substrate work workpiece wafer article)	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:26
S1	892	(plural\$4 multiple (first with second)) adj3 generator with (laser beam)	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/10 13:19
S2	6	S1 same (single one) adj2 output with (laser beam)	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/10 13:19
S4	2	(plural multiple) adj source adj3 generator with (laser beam)	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:49
S5	2	(plural multiple) adj source adj3 generator same (laser beam)	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:50
S6	4	(plural multiple) adj source adj3 generator and (laser beam)	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:50
S7	90	(plural multiple) adj source adj3 laser not S6	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:52



S8	38	(plural multiple) adj source adj laser not S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:52
S9	10	S7 and single adj output	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:52
S10	0	S7 same single adj output	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:54
S11	0	S7 same (single common unitary) adj output	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:54
S12	0	S7 same (single common unitary) adj2 output	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:54
S13	0	S7 same (single common unitary) adj3 output\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:54
S14	0	S7 same (single common unitary) near3 output\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:55
S15	26	S7 same (single common unitary) and beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:55
S16	43304	(plural multiple) adj4 generat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:57
S17	16863	(plural multiple) adj4 laser	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:57

S18	478	S16 same S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:57
S19	7909	(single common unitary) near3 output \$4 with (laser beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:58
S20	66	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:58
S21	11	S18 same S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 11:58
S22	24	("3423695"   "3521188"   "3699474"   "3970967"   "4019156"   "4176327"   "4375684"   "4528668"   "4660205"   "4764930"   "5197074"   "5488619"   "5555254"   "5721749"   "5740194"   "5917843"   "6351579").PN. OR ("6580732").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:03
S23	2	S22 and (silicon wafer semiconductor) with (\$4crystal\$9 \$4melt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:03
S24	1	("5488619").PN.	USPAT; USOCR	OR	OFF	2008/06/11 12:07
S25	0	S18 same (silicon wafer semiconductor) with (\$4crystal\$9 \$4melt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:14
S26	43	S18 and (silicon wafer semiconductor) with (\$4crystal\$9 \$4melt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:15
S27	3	S18 and (silicon wafer semiconductor) with (recrystal\$9 re?crystal \$9 crystalliz\$6 remelt \$4 re?melt\$4 melt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:16

S28	153	S18 and (silicon wafer semiconductor) with laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:18
S29	50	S18 and (silicon wafer) with laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:18
S30	28175	(plural multiple) adj4 beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 12:19
S31	448	S16 and S17 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 12:20
S32	66	S31 and (silicon wafer) with laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:20
S33	196	S16 same S17 same S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 12:21
S34	19	S33 and (silicon wafer) with laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:21
S35	95979	(plural multiple) near4 generat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 12:26
S36	455	S35 same S17 same S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 12:26
S37	39	S36 and (silicon wafer) with laser not S34	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:27
S38	16471	(plural multiple) with (source laser) and single with beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 12:36
S39	16	(plural multiple) adj2 generat\$4 with laser and single with beam with output\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 12:37

S40	11310	(silicon wafer semiconductor) with (recrystal\$9 re?crystal \$9 crystaliz\$6 remelt \$4 re?melt\$4 melt\$4) same laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:47
S41	8	S40 and homogen\$8 adj2 spot	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:48
S42	0	S38 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 12:52

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